

Notice of Allowability

Application No.

10/644,959

Applicant(s)

MORI ET AL.

Examiner

David M. Fenstermacher

Art Unit

3682

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to Application filed 8/21/03.
2. ☒ The allowed claim(s) is/are 1-9.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☒ Certified copies of the priority documents have been received in Application No. 10/057,966.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 1/14/04 and 3/31/05
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

1. This application is a CIP of 10057,966. Claims 1-9 are allowed.

REASONS FOR ALLOWANCE

1. The following is an examiner's statement of reasons for allowance:

The issue left before the Examiner is whether the disclosure is enabling under 35 USC 112 first paragraph. Applicant discloses on page 25 of the specification:

"However, according to the power-roller support structure of the toroidal CVT of the embodiment, the predetermined clearance (t, t) is defined between oval slotted hole 96d formed in cage 96a of roller-and-cage bearing assembly 96 and disk-shaped member 101 mounted on lubricating oil supply pipe 99, such that the horizontal displacement of roller-and-cage bearing assembly 96 relative to trunnion 17a is limited to the maximum allowable set displacement, which is determined by the size of predetermined clearance (t, t). Therefore, the horizontal-displacement limiting structure of the toroidal CVT of the embodiment can reliably prevent roller-and-cage bearing assembly 96 from being protruded out of power-roller accommodating portion 91 of trunnion 17a or prevent roller-and-cage bearing assembly 96 from falling out of trunnion 17a. In other words, it is possible to maintain roller-and-cage bearing assembly 96 in a positional range within which the roller-and-cage bearing assembly can provide adequate support for power roller 18c."

It is the Examiner's position that this is satisfactory to enable one skilled in the art to determine the "predetermined distance" without undue experimentation. The clearance must be larger than zero and yet less than that which would allow the bearing assembly from completely disengaging (i.e. falling out). The idea here is to allow movement. The actual limits to the movement would be readily determined with little experimentation.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

The application has been amended as follows:

In the Specification:

The following change has been made to update the first sentence of the specification with the current status of the parent application:

--now abandoned, -- has been inserted after "2002,".

Priority

3. Acknowledgment is made of applicant's claim for foreign priority under 35 U.S.C. 119(a)-(d). The certified copy has been filed in parent Application No. 10/057,966, filed on 1/29/02.

Drawings

4. The drawings, filed 8/21/03, are acceptable as formal.

Information Disclosure Statement


5. The IDS's, filed 1/14/04 and 3/31/05, have been considered in full.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David M. Fenstermacher whose telephone number is 571-272-7102. The examiner can normally be reached on 10:30-7:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Richard Ridley can be reached on 571-272-6917. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


David M. Fenstermacher
Primary Examiner
Art Unit 3682 3/14/06